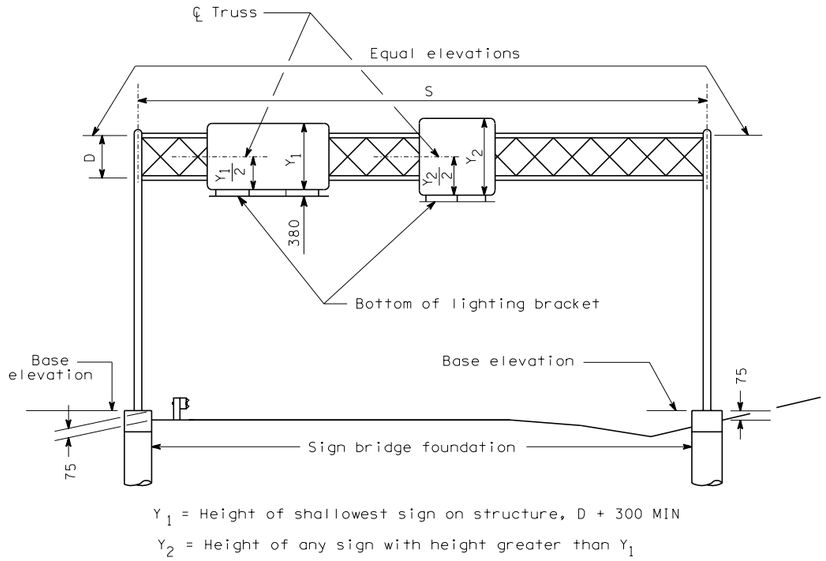
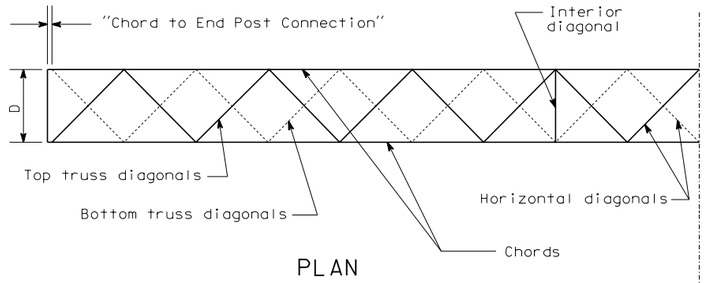


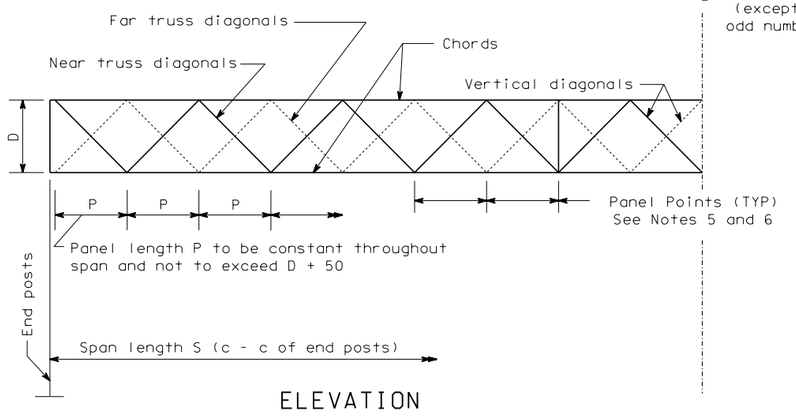
Y_1 = Height of shallowest sign on structure, D + 300 MIN

Y_2 = Height of any sign with height greater than Y_1

SIGN BRIDGE LAYOUT

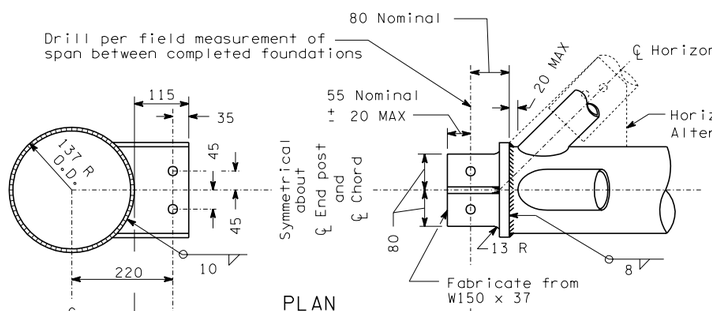


PLAN

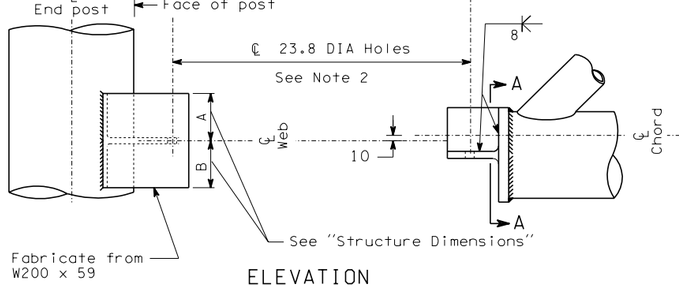


ELEVATION

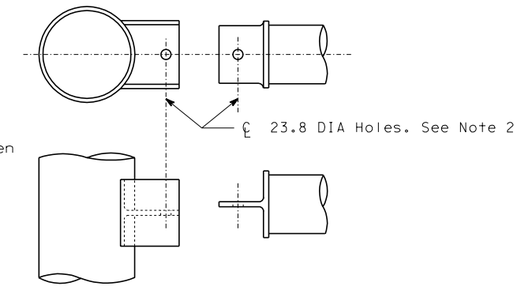
℄ Symmetrical about ℄ span (except framing with odd number of panels).



PLAN

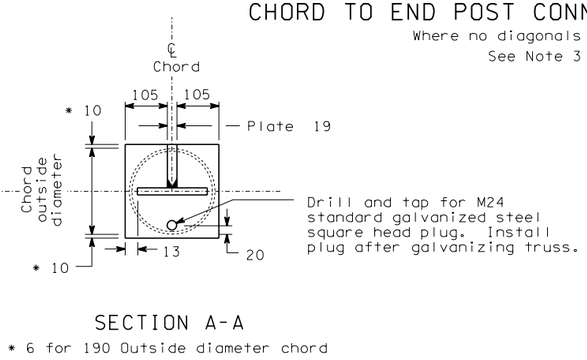


ELEVATION



CHORD TO END POST CONNECTION TYPE Q

Where no diagonals connect
See Note 3



SECTION A-A

* 6 for 190 Outside diameter chord

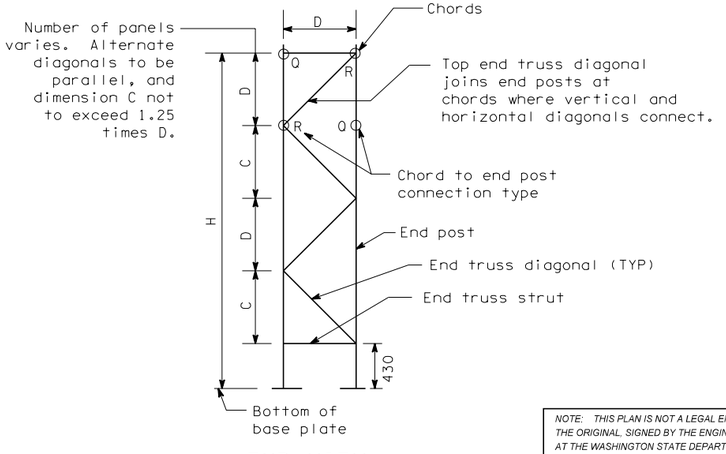
CHORD TO END POST CONNECTION TYPE R

Where diagonals connect

SPAN LENGTH S (m)	DIMENSION D (m)	TOP AND BOT CHORDS (mm)	DIAGONALS (mm)	END TRUSS POSTS (mm)	END TRUSS STRUTS AND DIAGONALS (mm)	TOTAL SIGN AREA (MAX) (m^2)	A (mm)	B (mm)
18.3 or less	1.22	75 x 5.49	32 x 3.56	254 x 6.35	64 x 5.16	35.7	60	41
18.4 to 27.4	1.52	102 x 6.02	51 x 3.91	254 x 6.35	64 x 5.16	58.0	73	54
27.5 to 36.6	1.83	127 x 6.55	51 x 3.91	254 x 7.80	75 x 5.49	80.3	86	67
36.7 to 45.7	2.13	152 x 7.11	64 x 5.16	254 x 9.27	89 x 5.74	102.6	103	83

All members are pipe. Values shown are nominal pipe size and wall thickness.

STRUCTURE DIMENSIONS



END VIEW

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED

M. MYINT LWIN
STATE OF WASHINGTON
10536
REGISTERED
PROFESSIONAL ENGINEER

EXPIRES JANUARY 17, 1999

SIGN BRIDGE STANDARD PLAN G-2

SHEET 1 OF 3 SHEETS

NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT BUT AN ELECTRONIC DUPLICATE. THE ORIGINAL, SIGNED BY THE ENGINEER AND APPROVED FOR PUBLICATION, IS KEPT ON FILE AT THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION. A COPY MAY BE OBTAINED UPON REQUEST.

DATE	REVISION	BY
5/98	Redrawn on CADD, revised for steel materials only.	GEM

APPROVED FOR PUBLICATION

Clifford E. Mansfield — *7/2/98*

for STATE DESIGN ENGINEER — DATE

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA, WASHINGTON